

**Corrigendum - 03 dated 20/03/2026 to CPC Tender No. BHEL/CPC/SAT/EPC\_BOP/26/083 for the work of "EPC package for Balance of Plants (BOP) AT MPPGCL SATPURA TPS, Unit-12 (1X660 MW), Sarni (MP)"**

**A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below**

SI No.	Section	Clause	Sheet No	Existing Provisions as per Contract	Bidder clarification / deviation / exclusion / suggestion	BHEL Reply
1	Scope Matrix-R1 C 24	DG Set for Main Plant			Kindly furnish the Electrical load list for Main plant and FGD DG.	FGD DG- Not applicable. Load list for main DG Set is attached with this corrigendum.
2		NIT Volume-1, Page 22 of 47, Annexure-I (PRE QUALIFYING REQUIREMENTS (PQR)). SI No. B.3 Technical - Pre Qualification Criteria		Pre Qualification Criteria B.3	As per SI. No. B.3, Bidder understands that experience of EPC of Oil & Gas Cross country Pipeline projects including various stations like Sectionalizing Valve (SV) stations, Dispatch terminal (DT), Receipt terminal (RT) will also be considered qualified under the sector 'Oil & Gas' hence qualifying under B.3	Bidder to submit the offer along with bid and the same shall be scrutinised as per Pre Qualification Requirement.
3	NIT	36	18		<p>1) Contractor is required to comply with the documents, forming a part of the BOP contract. Considering the scope of works to be expected on EPC basis, GST authority may treat the entire work of immovable nature and interpreted the supply and service activity as indivisible one as works contract. Although it has been mentioned that BHEL will be issuing four separate LOA for execution/billing value for supply, services, Civil &amp; Site Fab. works, Spares. Please confirm whether BHEL is fine, TKIL executes this as a works contract in the State where the work is being executed .</p> <p>2) In case the said EPC contract being executed on works contract basis, the invoicing for supply of goods and supply of services will be billed as 'Service' activity as per the GST Law Provisions. Request to pl. confirm.</p>	<p>1) Four (4) Nos different WOs shall be released in the manner mentioned below packages</p> <p>a. Supply of Plant and Equipment including Type Tests</p> <p>b. Installation Services- Erection and Commissioning including Transportation (Main Supply), Training &amp; AMC</p> <p>c. Civil and Site Fabricated Structural Works.</p> <p>d. Mandatory Spares including Transportation – Within 24 months of placing LOI in line with customer requirement.</p> <p>2) GST shall be paid as per the issued LOAs.</p>
4	25SectionVIPartEList ofTenderdrawingsMech		34 of 61	COAL + BIOMASS FLOW DIAGRAM WITH SIDE MILL ARRANGEMENT - CONV-20 : CONVEYOR 1600 mm WIDE - 1600 TPH		Please refer the revised flow diagram attached with Corrigendum-2 dtd.17.03.2026
5				General	We presume that DGMS standards are not applicable for the same.	Bidder to refer the applicable standards in tender specification and follow
6				General	We presume the area of Installation and the Electrical and Instrumentation Items and Equipments are required for the "safe area" installation. Please confirm	Bidder to follow Tender specification.

**Corrigendum - 03 dated 20/03/2026 to CPC Tender No. BHEL/CPC/SAT/EPC\_BOP/26/083 for the work of "EPC package for Balance of Plants (BOP) AT MPPGCL SATPURA TPS, Unit-12 (1X660 MW), Sarni (MP)"**

**A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below**

SI No.	Section	Clause	Sheet No	Existing Provisions as per Contract	Bidder clarification / deviation / exclusion / suggestion	BHEL Reply
7	SUB-SECTION B-0 GENERAL ELECTRICAL SPECIFICATION	2.02.00	PAGE 3 OF 16	The overall system shall be such that failure of any one-unit auxiliary like transformer, DC battery, Battery charger and DG set shall not reduce the plant's generating capability or affect the safe shut down requirements of the unit.	We are considering only 1 set of DG set for CHP system.	EMERGENCY DG SET is required for safe shutdown of the thermal power plant and shall cater to the emergency loads of main plant. Bidder to consider 2 nos DG Set and accessories as per tender requirement. Nos. of Main & standby DG is very clear in the specification. Emergency DG Sizing Load List is attached alongwith this corrigendum. Any requirement of emergency DG over & above this shall be taken care by vendor in line with technical specification.
8					Bidder requests to share Design Specification or Criteria for Structural Steel work	Details are available in specification, amendments & clarification. Bidder to follow the same.
9	Soil Bearing Capacity Technical Specification Section VI, Part-B, Page 6 of 7 Corrigendum			SBC for NDCT	The SBC below 5.5 m w.r.t NGL is 45 T/m <sup>2</sup> for NDCT in Sub Section Civil works foundation system. However, as per the corrigendum, the net SBC for NDCT at a depth of 7 m below EGL is 52 T/m <sup>2</sup> for a settlement of 25 mm. Please confirm that the permissible SBC for NDCT design is 52 T/m <sup>2</sup> .	Bidder to follow Technical Specification Section VI, Part-B, Clause no. 7.00.00 Foundation system and Geotechnical Data in this regard.

**Corrigendum - 03 dated 20/03/2026 to CPC Tender No. BHEL/CPC/SAT/EPC\_BOP/26/083 for the work of "EPC package for Balance of Plants (BOP) AT MPPGCL SATPURA TPS, Unit-12 (1X660 MW), Sarni (MP)"**

**A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below**

SI No.	Section	Clause	Sheet No	Existing Provisions as per Contract	Bidder clarification / deviation / exclusion / suggestion	BHEL Reply
10	Clause No. 5.1.3 , Note 2  Technical Conditions of Contract, Page 48 of 94 Clause No. 12.2.3 Technical Conditions of Contract, Page 48 of 94  Clause No. C  Scope Matrix – R1 (BOP or EPC)  Circulating Water (CW) system including CW Pump House			5.1.3. Note 2 - CW Pump & motor shall be supplied by BHEL as free issue to the bidder...  12.2.3 Supply of CW Pumps Rotor are excluded from bidder's scope as CW Pumps Rotor will be free issue to bidder by BHEL, however its E&C and alignment with system (as applicable) shall be in bidder' scope. Civil Works of Concrete Volute of CW Pump Stator shall be in BOP Vendor Scope as per design/drags provided by BHEL C. Design of equipment shall be in respective supplier scope, however design of complete CW system shall be in BOP vendor scope. Complete CW system including CW Pump house in BOP vendor scope. Complete CW pipeline from CWPH to condenser inlet, interconnecting piping between condensers and from condenser outlet to NDCT shall be in the scope of BOP Vendor. Complete CW Channel in BOP Vendor Scope. The bidder shall carry out stress and buried piping analysis of CW piping and provide all necessary supports and fixtures in accordance with customer specifications. Necessary inputs for civil design of CW pit (TG hall) shall be provided by BOP Vendor. Condenser parameters will be intimated by BHEL to BOP Vendor: A.Elrow B. Pressure drop CW Pump/system related all study/analysis as mentioned in Customer Technical Specification is under BOP Vendor scope. Only Design of CW pumps (Concrete Volute) shall be done by BHEL. CW Pumps will be free issued items to BOP Vendor by BHEL. Handling of equipment (at site) shall be as per erection scope of respective agency.	Concrete Volute is a civil item that will be cast at site by BOP vendor as per CW Pump design . As the entire pumphouse civil structure is in BOP vendor scope, it will be prudent to include concrete volute pump in BOP vendor scope. Layout and GA drawing of Pumphouse is always provided by Pump vendor as per the study and analysis of Pump. This is why concrete volute pump should be in BOP vendor scope.	Tender Scope is very clear. However, for more clarity Detail Scope Spilt for CW Pump is attached with this corrigendum.
11	Ann-II Electrical testing lab			Lab eqpt for generator and IP bus duct, protection relays.	Please clarify scope of lab eqpt for the generator, IPBD and protection relays etc.	Specification is very clear. Bidder to refer the corrigendum-2 dtd. 17.03.2026 point SI No.B.16
12	Ann-II Electrical workshop eqpt			Electrical workshop eqpt	Please clarify scope of EOT crane referred here. Please clarify the weight to be considered for the crane.	EOT crane for electrical workshop is in bidder's scope.
13	Ann-II Electrical workshop eqpt			Electrical workshop eqpt	Items are identified as scope of MAX. Please confirm these are BHEL scope.	Bidder to refer the corrigendum-2 dtd. 17.03.2026 point SI No.B.16
14	Ann-II			NDT eqpt	Items are identified as scope of MAX. Please confirm these are BHEL scope.	Bidder to refer the corrigendum-2 dtd. 17.03.2026 point SI No.B.16
15	Ann-II			Electrical lab eqpt	Spares are listed in Page 24/43 and 32/43, these are repeated. Please provide the final list identifying scope of BOP>	Bidder to refer the corrigendum-2 dtd. 17.03.2026 point SI No.B.16

**Corrigendum - 03 dated 20/03/2026 to CPC Tender No. BHEL/CPC/SAT/EPC\_BOP/26/083 for the work of "EPC package for Balance of Plants (BOP) AT MPPGCL SATPURA TPS, Unit-12 (1X660 MW), Sarni (MP)"**

**A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below**

SI No.	Section	Clause	Sheet No	Existing Provisions as per Contract	Bidder clarification / deviation / exclusion / suggestion	BHEL Reply
16				Coal consumption	For stockpile calculation please provide coal consumption rate.	Coal consumption:BMCR Design Coal – 467TPH/Unit (11208 Ton/day)
17	NTPC spec Part-B A20, Ann-II, Stockyard management system			STOCKYARD MANAGEMENT SYSTEM	Please clarify if the stockyard management system is included in BOP scope	Stockyard management system is very much included as per the specification. Please follow the specification
18	NTPC Spec Part A IIA 24			Electrical workshop eqpt	In Page 9/14 of this section EOT crane is mentioned. Please clarify capacity required for the crane	EOT crane for electrical workshop is in bidder's scope. Weight of largest HT motor is approximately 50T.
19	Scope matrix 26			Mill maintenance	For mill maintenance is there a crane? Scope may be clarified.	This is in BHEL scope of supply.
20	SCOPE MATRIX R1 & Annexures(Single line diagram for Main plant)Note no.10			Not shown in the SLD and there is only mention of FGD DG in the note no.10	Engineering, supply, specification in BHEL or EPC_BOP scope	FGD is not in BOP Scope of Work
21	SCOPE MATRIX R1 & Annexures ( Electrical systems and equipments_point no.19)			Cable trays & supports - Outside BTG Battery Limit is in BOP vendor scope (including BOP packages which are placed in BTG AREA) - BOP vendor. Bidder shall inform details of cable trays ( no & type) for cable in BOP scope falling in BTG Island. Supply and erection of cable tray supports & cable trays up to plant boundary from POWER House for arranging 11KV supply/Upstream interlock to AWRS package is in bidders scope.	Is support qualification in scope & if yes then who will qualify the supports & EPs for BTG & BOP area.	Specification requirement & scope matrix is very clear. Bidder to follow the same.
22	Scope matrix 1/43			Mill and Bunker building	Please provide plan and elevation of proposed mill and bunker, elevation of tripper floor. No. of bunkers required.	Please refer the tentative conveyor profile drawing attached with corrigendum-2 dtd. 17.03.2026
23				Fuel oil system	Please provide LDO requirement for boiler at supply terminal point (flow and pressure) Similarly provide for return terminal point-Flow pressure and temp).	Supply terminal point TP3 at boiler Inlet: Flow: 46920 Kg/hr per boiler Pressure: 22 Kg/cm2 Return terminal point TP3 at boiler Inlet: Flow: 1800 Kg/hr per boiler Pressure: 3Kg/cm2. There is no scope for BHEL Trichy beyond Boiler front terminal point.
24				Fuel oil system	Please confirm the flow measurement and control of the fuel oil flow to the boiler is within BTG terminal point.	Bidder's understanding is correct.

**Corrigendum - 03 dated 20/03/2026 to CPC Tender No. BHEL/CPC/SAT/EPC\_BOP/26/083 for the work of "EPC package for Balance of Plants (BOP) AT MPPGCL SATPURA TPS, Unit-12 (1X660 MW), Sarni (MP)"**

**A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below**

SI No.	Section	Clause	Sheet No	Existing Provisions as per Contract	Bidder clarification / deviation / exclusion / suggestion	BHEL Reply
25	Scope matrix C24			DG set data	The DG set data referred is not enclosed. Please provide.	Nos. of Main & Standby DG is very clear in the specification. Further, load list for emergency DG sizing is also shared with this corrigendum. For balance details - refer Section-VI, sub-section B0 & B-09 of technical specification.
26	Scope matrix C24			DG set	We understand DG set there is no building and only DG set enclosure is provided. Please confirm. Applicable for main and FGD sets.	Specification requirement is very clear. Bidder to follow specification. FGD DG- Not applicable.
27	BOP scope of raw water pipeline is inside the plant boundary.			Part A, Sub sec IIA09, Cl 1.00.00 (4) requires permanent impressed current cathodic protection and temporary sacrificial anode system.	Please confirm that cathodic protection (impressed current) will be provided by BHEL for the entire length including inside the plant, since it has to be for complete system.	Cathodic protection is not in BOP Scope of work.
28	PE-DG-538-100-M001			Plot Plan Drawing for CHP	Plot plan drawing is in PDF format. Also the co-ordinate of various transfer point, crusher house, boiler bunker area are not mentioned in the plot plan drawing. As such we are un-able to measure the length of conveyors. Please share us the Plot Plan Drawing in AutoCad format for measuring the length of conveyors and start further working.	Required details are already provided in Plot Plan drg. in PDF Format.
29					Please share us the gallery level of conveyor 8A/8B at discharge point of conveyor-21.	Pls refer the GA drawing of 8AB furnished attached with corrigendum-2 dtd. 17.03.2026
30	11 SectionVIPartA, SUB-SECTION-IIA-15 COAL & BIOMASS HANDLING PLANT	3.00.00	549 of 1010	<b>COMMON SCOPE FOR COAL AND BIOMASS HANDLING PLANT</b> Cooling water system for scoop couplings etc. for complete Coal and Biomass handling plant. Alternately air-cooled type scoop coupling is also acceptable for all conveyors with HT motors.	We shall be offering air cooled type scoop coupling for HT drive motor. Hence cooling water system not considered in scope	Air cooled scoop coupling is acceptable

**Corrigendum - 03 dated 20/03/2026 to CPC Tender No. BHEL/CPC/SAT/EPC\_BOP/26/083 for the work of "EPC package for Balance of Plants (BOP) AT MPPGCL SATPURA TPS, Unit-12 (1X660 MW), Sarni (MP)"**

**A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below**

Sl No.	Section	Clause	Sheet No	Existing Provisions as per Contract	Bidder clarification / deviation / exclusion / suggestion	BHEL Reply
31	PE-DG-538-100-M001			Contour Drawing of the proposed CHP area	<p>As per the plot plan drawing we observed that there is a level difference at different area like near CHP WTP area level mentioned (+)449.50mtr, near stock-pile area level is (+)447mtr and near ETP (+)443 and near boiler area (+)440.50mtr.</p> <p>We can observe a level difference of approx. 9mtr from receiving point to discharge point.</p> <p>Kindly indicate the finish level at different area.</p> <p>Also please note that cotour level along the conveyor corridor is not available with the TS. Please share us the contour level for our necessary working.</p>	Bidder to refer tender drawings and specifications.
33					We understand that dismantling and laying of rail track as required shall be done by others.	Please refer to Scope Matrix SI No B.9
34		BOP scope of raw water pipeline is inside the plant boundary.		Part A, Sub sec IIA09, CI 1.00.00 (4) requires permanent impressed current cathodic protection and temporary sacrificial anode system.	Please confirm that cathodic protection (impressed current) will be provided by BHEL for the entire length including inside the plant, since it has to be for complete system.	Cathodic protection is not in BOP Scope of work.
35	21 Section VI Part E List of Tender drawings Civil				Please provide the AutoCAD version of the Plot plan (GLP)	Required details are already provided in Plot Plan drg. in PDF Format.
36	21 Section VI Part E List of Tender drawings Civil				Please provide the PDF version of the topographic survey drawing.	Topographic Survey drg is part of tender docs.
37	050226_SATPURA_S COPE_MATRIX R1 & Annexures				Coal and Biomass handling system -scope for Floors for the" future provision for the conveyor" not clear, who will provide load data during detail engineering as CHP and BHP is in the Bidders scope	Load data of future conveyor shall be given by the bidder and same shall be dicussed during detailed engineering

**Corrigendum - 03 dated 20/03/2026 to CPC Tender No. BHEL/CPC/SAT/EPC\_BOP/26/083 for the work of "EPC package for Balance of Plants (BOP) AT MPPGCL SATPURA TPS, Unit-12 (1X660 MW), Sarni (MP)"**

**A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below**

SI No.	Section	Clause	Sheet No	Existing Provisions as per Contract	Bidder clarification / deviation / exclusion / suggestion	BHEL Reply
38	050226_SATPURA_S COPE_MATRIX R1 & Annexures				Ash Handling system -Kindly provide Annexure A, which is mentioned in the Remarks column but not found in data provided with tender document	Bidder to refer Page 13 & 14 of 43 of the scope matrix for details.
39	TCC Vol. - 1A, Chapter - III, Cl. 3.77 Pg. 39/94			EXTRA/ ADDITIONAL ITEMS OF WORK: No Extra/ additional claim of the bidder shall be given by BHEL beyond the contract value. However, in case of any reduction in price by owner due to any change in scope pertaining to the scope of work of bidder, same shall be completely passed onto the bidder on back-to-back basis.	Reduction in price for reduced scope shall be as per Bidder's estimated cost.	Tender conditions shall prevail.
40	TCC Vol. - 1A, Chapter - IV, Cl. 4.4 Pg. 42/94			Time Schedule: 4.4.1 Priority Roads - completion in 3 Months from zero date	Define Priority Roads, provide layout of priority roads. If design of these roads is in Bidder's scope, then duration required for construction shall be around 5-6 months, depending on road work quantity.	Priority Road is well defined in Road Layout drg. Bidder to refer the same w.r.t. BOP Scope as per Plot Plan Battery Limit.
41				4.4.2 Design & Detail Engineering - completion in 10 Months from zero date	Detail engineering timeline required is 18-20 months	Tender conditions shall prevail.
42	TCC Vol. - 1A, Chapter - IV, Cl. 4.4 Pg. 42/94			Mandatory Spares Supply Schedule: 4.4.14 Completion of Dispatches of Mandatory Spares - completion in 18 Months from LOA date for Mandatory Spares	Mandatory spares shall be dispatched along with main equipment	Tender conditions shall prevail.
43	Drawing No. 0000- 211-POE-A-050, Notes 3 & 4			BURIED CABLES TRENCH FOR HT & LT CABLES	The drawing specifies minimum clearances or the use of brick barriers between different classes of cables and the use of GI/Hume/HDPE pipes for road crossings. Please confirm the owner's preference for using brick barriers versus maintaining minimum physical clearance where space is constrained, and confirm the specific material (GI/Hume/HDPE) required for standard road and drain crossings.	Bidder to follow tender specification.
44	050226_SATPURA_S COPE_MATRIX R1 & Annexures Page 7/ 43				Bidder is not responsible for equipment warranty/ guarantee for all the Free issued items.	Bidder's understanding is correct, however, after receipt of free issued material at bidder's end, if it gets damaged during Handling, Storage, Erection or Commissioning until handing over to Owner/MPPGCL, bidder has to replenish the same at his own cost.

**Corrigendum - 03 dated 20/03/2026 to CPC Tender No. BHEL/CPC/SAT/EPC\_BOP/26/083 for the work of "EPC package for Balance of Plants (BOP) AT MPPGCL SATPURA TPS, Unit-12 (1X660 MW), Sarni (MP)"**

**A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below**

Sl No.	Section	Clause	Sheet No	Existing Provisions as per Contract	Bidder clarification / deviation / exclusion / suggestion	BHEL Reply
45	General				BHEL to provide AutoCAD files of all the drawing documents.	Required details are already provided in Plot Plan drg. in PDF Format.
46	Annexure-11			Mandatory Spares	Bidder understands scope starts from cabling works from HT panel (11kV, 3.3kV) outgoing hence spares will be provided for equipments downstream to the HT breaker panel which are BOP package supply scope.	Bidder's understanding is correct. Scope of mandatory spares shall be in line with main equipment- scope of supply.
47	33 STPS_Appendix 8 (Rev01)			Revised Capacities	With reference to Document No. 33 STPS_Appendix 8 (Rev 01), particularly the section related to the Coal and Biomass Handling Plant and PFD No. 11233-001-POM-A-040 (Option 1 / Option 2), there is a mismatch in Conveyor capacities -1600 TPH or 1900 TPH. please confirm	Bidder to consider the amended flow diagram (document Number 1233-001-155-PVM-B-205) attached with corrigendum-2 dtd. 17.03.26.
48	64. Corrigendum 14 D MH ANNEXURES			Profile Drawing not available with tender	We request you to kindly share the conveyor profile drawings.	Tentative profile drawing is issued with corrigendum-2 dtd. 17.03.26. Drawing is only for reference and can have variations during detailed engineering. It is bidder's sole responsibility to check the feasibility and make changes if any
49	SUB-SECTION-A-01 EQUIPMENT SIZING CRITERIA clause 4.02.05, page 84 of 94			Belt conveyor system shall be designed as per the 5th edition of 'Belt Conveyors for Bulk Materials' published by Conveyor Equipment Manufacturer's Association' or equivalent International Standard.	Please confirm if bidder can follow IS 11592 for design of conveyors	Bidder to follow specification and specification is clear in this regard.
50	SUB-SECTION-A-01 EQUIPMENT SIZING CRITERIA clause 4.02.06, page 84 of 94			The coal delivered to power stations shall be of size 350 mm and below. However, occasionally 1-2% coal of 400 mm lump size may also be encountered. Torrified Biomass/ Non-Torrified shall be delivered to power station, of size 35 mm and below with fines up to 5 % and maximum moisture content 15 %.	Please provide sieve analysis of coal. similar for limestone and gypsum.	LHP & GHP are not part of this tender. Sieve analysis is not available at this stage.
51	SUB-SECTION-A-20 COAL & BIOMASS AND LIMESTONE & GYPSUM HANDLING PLANT, 4.1.1, PAGE 4 OF 107			Belt Width: 1950 mm (Min) for 1600 MTPH (Rated) Trough Coal, Coal cum Biomass Conveyors	Please confirm the belt width as, it's not matching with PFD	Bidder to consider the amended flow diagram (document Number 1233-001-155-PVM-B-205) attached with corrigendum-2 dtd. 17.03.26.

**Corrigendum - 03 dated 20/03/2026 to CPC Tender No. BHEL/CPC/SAT/EPC\_BOP/26/083 for the work of "EPC package for Balance of Plants (BOP) AT MPPGCL SATPURA TPS, Unit-12 (1X660 MW), Sarni (MP)"**

**A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below**

SI No.	Section	Clause	Sheet No	Existing Provisions as per Contract	Bidder clarification / deviation / exclusion / suggestion	BHEL Reply						
52	SUB-SECTION-A-20 COAL & BIOMASS AND LIMESTONE & GYPSUM HANDLING PLANT, 4.1.5, PAGE 7 OF 107			The design lifetime of the bearing shall not be less than 80,000 operating hours.	Please confirm if 80,000 hours to be considered or as per general industry practice 60,000 hours to be followed.	Bidder to follow the specification						
53	050226_SATPURA_S COPE_MATRIX R1 & Annexures Points of discussion			PDF COPY OF Plot plan	Request to provide AutoCAD format of the plot plan	Required details are already provided in Plot Plan drg. in PDF Format.						
54	Annexure 2- SCOPE MATRIX - R1 (BOP on EPC), Sr. No. 19- Inert Gas Extinguishing System (IGES)			<p>the column "Scope in Agency" indicates BHEL scope. However broad scope indicates "Complete package by BOP vendor" –</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">10</td> <td style="width: 30%;">Short Gas Extinguishing System (SSES) for Central Control Room (CCR)</td> <td style="width: 10%;">BHEL</td> <td style="width: 10%;">Complete Pkg by BOP Vendor</td> <td style="width: 10%;">BHEL</td> <td style="width: 10%;">BHEL</td> </tr> </table>	10	Short Gas Extinguishing System (SSES) for Central Control Room (CCR)	BHEL	Complete Pkg by BOP Vendor	BHEL	BHEL	Broad scope shall be corrected to "Complete pkg by BHEL"	Please refer Corrigendum-2 dtd. 17.03.26 Point SI No.B.14
10	Short Gas Extinguishing System (SSES) for Central Control Room (CCR)	BHEL	Complete Pkg by BOP Vendor	BHEL	BHEL							
55	Annexure 2- SCOPE MATRIX - R1 (BOP on EPC), Sr. No. 21			FOHS shall be terminated at Battery limit of BTG Island near D row (Supply and return line both)	Common terminal point will be considered for both boilers. Please confirm our understanding.	Terminal point (supply & return) shall be at boiler Inlet at the elevation of ~24 Mtr. Not common.						
56	TECHNICAL SPECIFICATION FOR EPC PACKAGE Section IV Part A			2.18.Fuel Oil system The LDO piping shall be complete with isolating valves, relief valves, check valves, drain valves, vent valves, pneumatically operated control valves strainers, accumulators, local instruments, sensing device, switches, flow meters, transmitters, controls such as pressure control, flow control, temperature control etc. All controls shall be implemented in fuel oil pump house (FOPH) control system.	Pour point of LDO is 12 Deg C as per project Information Annexure-IV-1. Minimum ambient temperature at site is 10 Deg C. Hence Electric tracing for the LDO lines is required, Kindly confirm our understanding.	Electric tracing is not envisaged for LDO upto Terminal point of boiler front area.Vendor to take necessary action to ensure that floor coil heaters are envisaged at LDO Tank to meet the ambient Vs pour point disparity .						
57	2.7.2.2 (GCC)			ii) Upon termination of contract, BHEL shall be entitled to recover an amount equivalent to 10% of the Contract Value for the damages on account of breach of contract committed by the Contractor.	Bidder request to delete this provision as this accounts for indirect losses and the Contractor should only be liable for direct losses.	Tender conditions shall prevail.						

**Corrigendum - 03 dated 20/03/2026 to CPC Tender No. BHEL/CPC/SAT/EPC\_BOP/26/083 for the work of "EPC package for Balance of Plants (BOP) AT MPPGCL SATPURA TPS, Unit-12 (1X660 MW), Sarni (MP)"**

**A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below**

SI No.	Section	Clause	Sheet No	Existing Provisions as per Contract	Bidder clarification / deviation / exclusion / suggestion	BHEL Reply
58	General				As discussed with the authority during Pre-bid meeting dated 17.02.26 it was understood that Power Sector Projects, including distribution as well as transmission Projects, shall be considered eligible for the qualification.	Please refer reply to Query SI No.A. 316 attached with corrigendum-2 dtd. 17.03.26.
59	General				With reference to the above-mentioned tender, we would like to inform you that we can provide a Work Completion Certificate (during the last 10 years) meeting the pre-qualification criteria. The certificate clearly confirmed that the successful completion of the project, its takeover by the client, and states that the plant has been operating satisfactorily. We kindly request you to confirm that this certificate will be considered sufficient to meet the pre-qualification requirements as specified in the NIT.	Tender specification is clear about the Prequalification Requirement. Bidder may submit required docs alongwith bid.
60	General Query				Kindly provide the pipe and cable trestle layout drawing.	Cable & Pipe Rack layout drawing-if required for inetrfacing; shall be provided during detailed engineering.
61	11233-001-POM-A-040 (OPTION-2)_REV B			Bio mass main storage silo -1 & 2 DE system shown	The DE system are cosidered at surface feeder/Bulk receiving units, bucket elevator and at silo top. The location of DE bag filter is planned to locate at slio top. The BBF-1 and 2 and feeding to BCN 15 A/B located at bottom of the silo are considered with DFDS.  Please confirm bidder consideration.	Bidder to consider the amended flow diagram (document Number 1233-001-155-PVM-B-205) attached with corrigendum-2 dtd. 17.03.26.

**Corrigendum - 03 dated 20/03/2026 to CPC Tender No. BHEL/CPC/SAT/EPC\_BOP/26/083 for the work of "EPC package for Balance of Plants (BOP) AT MPPGCL SATPURA TPS, Unit-12 (1X660 MW), Sarni (MP)"**

**A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below**

SI No.	Section	Clause	Sheet No	Existing Provisions as per Contract	Bidder clarification / deviation / exclusion / suggestion	BHEL Reply
62	Plot plan			According to the plot plan at the truck hopper receiving station, the hopper is shown in line with the conveyor,	As per tender plot plan, hopper in truck hopper is in-line with coal receiving conveyors which requires more underground depth to accommodate apron feeder, flap gate, tail pulley with conveyor facilities. In order to reduce more underground work at truck hopper facility, the orientation of hopper for truck unloading is rotated to 90 degree. From this rotated hopper coal feed into conveyor by apron feeder and flap gates.  Bidder need confirmation on rotated hopper condition for truck hopper for proceeding.	Bidder to assess the feasibility during the site visit. Regarding orientation, point shall be discussed during detailed engineering and acceptance is subjected to customer approval
63	Scope Matrix- SI No. 31 in Page 5/43			SI No. C17, C11, C10, SLD for main plant	The scope of LHP and GHP is not clear from the Scope Matrix. As per the Mechanical Section, the LHP and BHP is not mentioned. FGD, gypsum dewatering, lime dosing are in BHEL scope. In Electrical section, LHP and GHP are mentioned in BOP scope. Please clarify scope of LHP and GHP. What is the scope of BOP in these systems and where are the terminal points.	- LHP and GHP are not applicable for this project - Complete CHP & BMHP are part of this tender
64	Scope matrix 22- Ash handling system			AWRS piping	Please confirm the AWRS piping outside the plant boundary limit will be engineered and executed by BHEL and it is not in BOP scope.	Specification is clear regarding scope matrix. Please note that as per scope matrix, Terminal Point for ash slurry disposal & AWRS shall be 5 mtr inside the plant boundary. Other than the mentioned above, All other AHP systems are in the scope of bidder only.
65	Scope matrix 22- Ash handling system			Ash slurry piping	Please clarify scope of engineering for the ash slurry pipes outside the plant boundary limit upto the ash dyke.	Specification is clear regarding scope matrix. Please note that as per scope matrix, Terminal Point for ash slurry disposal & AWRS shall be 5 mtr inside the plant boundary. Other than the mentioned above, All other AHP systems are in the scope of bidder only.
66	Volume- 1D, Forms and Procedure	1.6 Proforma of Bank Guarantee for Earnest Money		EMD In Bank Guarantee (BG):	The Authority is kindly requested to confirm whether a Bank Guarantee issued by a bank located in Mumbai would be acceptable, or if the issuing bank is required to be from a specific location.	Tender conditions shall prevail.

**Corrigendum - 03 dated 20/03/2026 to CPC Tender No. BHEL/CPC/SAT/EPC\_BOP/26/083 for the work of "EPC package for Balance of Plants (BOP) AT MPPGCL SATPURA TPS, Unit-12 (1X660 MW), Sarni (MP)"**

**A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below**

<b>Sl No.</b>	<b>Section</b>	<b>Clause</b>	<b>Sheet No</b>	<b>Existing Provisions as per Contract</b>	<b>Bidder clarification / deviation / exclusion / suggestion</b>	<b>BHEL Reply</b>
67	General	Site Visit		Auto CAD file of Plant layout	Requested Authority to kindly provide the AutoCAD drawing file of the plant layout for better understanding of the project requirements and to enable accurate and competitive costing by the bidder.	Required details are already provided in Plot Plan drg. in PDF Format.
68		Clause No. 8, Consortium Agreement  Clause No. 23.9 NIT  Clause No. 2 Annexure I – Pre-Qualifying Requirements NIT		8. It is agreed interse between the parties hereto that all the consequences liabilities etc., arising out of any default in the due execution of the said works shall be borne by the party in default, that is by party in whose area of works default has occurred, provided however, so far as M/s Bharat Heavy Electricals Limited is concerned, all the parties shall be liable jointly and severally.  23.9. Prime bidder and Consortium partners shall be jointly and severally responsible for the overall execution of the contract.  3. The consortium partners shall collectively meet PQR of all the above packages the consortium partners shall be jointly and severally responsible for the execution of the contract	As per the Consortium agreement, all the parties shall be liable jointly and severally. Please clarify the total liability of a consortium partner who is responsible for small part say for example only 5% value of the total BOP package. Please also clarify what will be the liability and penalties imposed by BHEL on consortium partner who is responsible for only 5% of BOP package if prime bidder or other consortium partners are in default for their part of work. We once again request BHEL to delete this wording "all the parties shall be liable jointly and severally"	Tender conditions shall prevail.

1X 800MW SINGRARENI SUPER THERMAL POWER PROJECT  
 STAGE-II EPC PACKAGE  
 BTG SCOPE EMERGENCY LOAD

SL NO	DESCRIPTION	NAME PLATE RATING	MCR	UNIT	RUNNING	STANDBY	VOLTAGE GRADE (D=415V/ E=240V)	FEEDER CODE (U=UNI- DIR/ S=SUPPLY)	EFFICIENCY	POWER FACTOR	LOAD DUTY (C/I)	RUNNING KVA	DIVERSITY FACTOR	TOTAL KVA
1	BOILER VALVE/DAMPER ACDB # 1HA				1	0						20.00	1	20.00
2	TURBINE VALVE DB # 1KA				1	0						50.00	1	50.00
3	ESP & ID FAN AREA MCC # 1HD				1	0						70.00	1	70.00
4	LIFTING OIL PMP 1	90.00	76.50	KW	1	0	D	U	0.952	0.82	C	98.00	1	98.00
5	LUBE OIL PMP 2	160.00	136.00	KW	1	0	D	U	0.958	0.88	C	161.32	1	161.32
6	PRIMARY WATER PUMP 2	45.00	38.25	KW	1	0	D	U	0.942	0.80	C	50.76	1	50.76
7	O-VAP 2	3.00	2.55	KW	1	0	D	U	0.850	0.80	C	3.75	1	3.75
8	BEARING EXH FAN MOTOR 1	0.75	0.64	KW	1	0	D	U	0.825	0.70	C	1.10	1	1.10
9	CF PMP 2 HPSU	15.00	12.75	KW	1	0	D	U	0.921	0.80	C	17.30	1	17.30
10	CF CIRC PUMP 2 HPSU	2.20	1.87	KW	1	0	D	U	0.850	0.80	C	2.75	1	2.75
11	SEAL OIL PUMP 2 (AIR SIDE)	22.00	18.70	KW	1	0	D	U	0.930	0.80	C	25.13	1	25.13
12	SCANNER AIR FAN -AC MOTOR	15.00	12.75	KW	1	0	D	U	0.921	0.80	C	17.30	1	17.30
13	REGENERATIVE AIR HEATER-B	37.00	31.45	KW	1	0	D	U	0.939	0.80	C	41.87	1	41.87
14	LUB.OIL PUMP-B FOR AH-A GUIDE BRG.	0.75	0.64	KW	1	0	D	U	0.825	0.70	C	1.10	1	1.10
15	LUB.OIL PUMP-B FOR AH-B GUIDE BRG.	0.75	0.64	KW	1	0	D	U	0.825	0.70	C	1.10	1	1.10
16	LUB.OILPUMP-B FOR AH-A SUPPORT BRG	0.75	0.64	KW	1	0	D	U	0.825	0.70	C	1.10	1	1.10
17	LUB.OILPUMP-B FOR AH-B SUPPORT BRG	0.75	0.64	KW	1	0	D	U	0.825	0.70	C	1.10	1	1.10
18	PA FAN-A LUBE OIL PUMP-B	7.50	6.38	KW	1	0	D	U	0.900	0.80	C	8.85	1	8.85
19	PA FAN-B LUBE OIL PUMP-B	7.50	6.38	KW	1	0	D	U	0.900	0.80	C	8.85	1	8.85
20	FD FAN-A LUBE OIL PUMP-B	5.50	4.68	KW	1	0	D	U	0.896	0.80	C	6.52	1	6.52
21	FD FAN-B LUBE OIL PUMP-B	5.50	4.68	KW	1	0	D	U	0.896	0.80	C	6.52	1	6.52
22	ID FAN-A LUBE OIL PUMP-B	30.00	25.50	KW	1	0	D	U	0.940	0.80	C	33.91	1	33.91
23	ID FAN-B LUBE OIL PUMP-B	30.00	25.50	KW	1	0	D	U	0.940	0.80	C	33.91	1	33.91
24	MILL - A LUBE OIL PUMP-B	11.00	9.35	KW	1	0	D	U	0.914	0.80	C	12.79	1	12.79
25	MILL - B LUBE OIL PUMP-B	11.00	9.35	KW	1	0	D	U	0.914	0.80	C	12.79	1	12.79
26	MILL - C LUBE OIL PUMP-B	11.00	9.35	KW	1	0	D	U	0.914	0.80	C	12.79	1	12.79
27	MILL - D LUBE OIL PUMP-B	11.00	9.35	KW	1	0	D	U	0.914	0.80	C	12.79	1	12.79
28	MILL - E LUBE OIL PUMP-B	11.00	9.35	KW	1	0	D	U	0.914	0.80	C	12.79	1	12.79
29	MILL - F LUBE OIL PUMP-B	11.00	9.35	KW	1	0	D	U	0.914	0.80	C	12.79	1	12.79
30	MILL - G LUBE OIL PUMP-B	11.00	9.35	KW	1	0	D	U	0.914	0.80	C	12.79	1	12.79
31	MILL - H LUBE OIL PUMP-B	11.00	9.35	KW	1	0	D	U	0.914	0.80	C	12.79	1	12.79
33	Lube oil pump drive motor (TDBFP-1)	90.00	76.50	KW	1	1	D	U	0.950	0.82	C	98.20	1	98.20
34	Jacking oil pump drive motor (TDBFP-1)	3.70	3.15	KW	1	0	D	U	0.880	0.80	C	4.47	1	4.47
35	Oil Vapor Extraction fan motor (TDBFP-1)	0.37	0.31	KW	1	1	D	U	0.730	0.70	C	0.62	1	0.62
36	Motorised valve in oil line to Hyd barring (TDBFP-1)	1.20	1.02	KW	1	0	D	U	0.850	0.80	C	1.50	1	1.50
37	Lube oil pump drive motor (TDBFP-2)	90.00	76.50	KW	1	1	D	U	0.950	0.82	C	98.20	1	98.20
38	Jacking oil pump drive motor (TDBFP-2)	3.70	3.15	KW	1	0	D	U	0.880	0.80	C	4.47	1	4.47
39	Oil Vapor Extraction fan motor (TDBFP-2)	0.37	0.31	KW	1	1	D	U	0.730	0.70	C	0.62	1	0.62
40	Motorised valve in oil line to Hyd barring (TDBFP-2)	1.20	1.02	KW	1	0	D	U	0.850	0.80	C	1.50	1	1.50
41	HPBP OIL SUPPLY UNIT PUMP (BOILER)	7.50	6.38	KW	1	0	D	U	0.904	0.80	C	8.81	1	8.81
42	FURNACE MAINT PF-4 WALL COVERAGE (BOILER)	6.00	6.00	KVA	6	0	D	S	1.000	1.00	I	6.00	0.10	3.60
43	GENERATOR RELAY PANEL	2.00	2.00	A	1	0	D	S	1.000	1.00	C	1.44	1	1.44
47	FIRE SIREN	5.00	5.00	A	1	0	D	S	1.000	1.00	I	3.59	0.4	1.44
49	Condenser water pump	30.00	25.50	KW	1	0	D	U	0.936	0.80	C	34.05	1	34.05
58	220V DC CHARGER	20.00	20.00	KVA	1	1	D	S	1.000	1.00	C	20.00	1	20.00
59	240V AC UPS (UNIT)	240.00	204.00	A	1	0	D	S	1.000	1.00	C	146.64	1	146.64
60	24V BATTERY CHARGER (SG & TG C&I)	30.00	30.00	KVA	1	1	D	S	1.000	1.00	C	30.00	0.85	25.50
61	24V BATTERY CHARGER (BOP & STN C&I)	20.00	20.00	KVA	1	1	D	S	1.000	1.00	C	20.00	0.85	17.00
64	Feeder for SWYD Load	100.00	100.00	KW	1	0	D	S	1.000	1.00	C	100.00	0.7	70.00
65	AUX. OIL PUMP (MD BFP)	40.00	34.00	KW	1	1	D	U	0.930	0.80	C	34.00	0*	0.00
66	CHIMNEY LT BOARD	50.00	42.50	KVA	1	0	D	S	1.000	1.00	C	42.50	1	42.50
68	CO2 VAPORIZER	18	15.30	KW	1	0	D	U	0.850	0.80	C	22.50	1	22.50
69	REGENERATIVE AIR HEATER-A	37.00	31.45	KW	1	0	D	U	0.939	0.80	C	41.87	1	41.87
71	VAC PUMP FOR SO SYS (GENERATOR)	1.50	1.28	KW	1	0	D	U	0.853	0.80	C	1.28	1	1.28

**SCOPE SPLIT FOR CONCRETE VOLUTE PUMP FOR1X660 MW Satpura TPP**

<b>S.No</b>	<b>Description</b>	<b>Scope by</b>	<b>Remarks</b>
1	Design, detailed engineering of concrete volute pump for circulating water application	BHEL	
2	Earlier pump model test report for similar specific speed impeller	BHEL	
3	Physical Sump model studies as per HIS standard	BHEL	
4	CFD analysis for sump & Forebay	BHEL	
5	Transient analysis for CW pump piping	BOP Vendor	
6	QAP for CW pump & motor as per customer format	BHEL	
7	Testing procedures & documentation for the Complete pump unit supplied.	BHEL	
8	Design of P&ID for the CW pumps	BHEL	
9	Supply of soleplates for Pump & Motor, coupling, coupling guard and foundation bolts	BHEL	
10	Special tools & tackles for pump, water fill test blind flanges with gaskets and hardware, 1st fill of lubricants, Commissioning spares, Reverse rotation speed switch, counter flange for discharge pipe, gasket, hardware.	BHEL	
11	Civil design for pump and RCC drawings (civil design for pump casing i.e. above raft level & to pump floor level)	BHEL	
12	Supply of embedded parts viz. suction embedded part, discharge pipe, discharge lip for concrete casing	BHEL	
13	Supply & erection of wooden pattern (formwork) for pump suction draft tube, suction bell & pump volute	BHEL	
14	Supply of gland drainage pump for CV Pump	BHEL	
15	Supply of instruments like a) pressure gauge & pressure transmitter for CW Pump discharge - BoP Vendor b) Temperature gauge for thrust bearing oil c) Level gauge for thrust bearing oil d) duplex RTD's for pump bearings e) duplex RTD's for motor bearings f) Simplex RTD's for motor winding g) Reverse rotation indicators with local mounting panel h) level transmitter per each CW pump in sump - BoP Vendor i) Junction box (as required for provided instruments) j) Wiring upto to JB (as required for provided BHEL instruments) k) VMS with key probes and key phasor for Motor & Pump bearings l) Temperature transmitters (if applicable)	BoP Vendor Scope: items a) and h). BOQ to BHEL.  BHEL scope: item b), c), d), e), f), g), i), j), k) & l)	
16	Supply of internal cooling water piping (with booster pumps strainers, valves, etc- if applicable) between thrust bearing & pump discharge	BHEL	
17	Supply of companion flanges for CW pump discharge	BHEL	
18	Witnessed CW pump impeller balancing (ISO Grade 6.3)	BHEL	
19	Trail run of CW pump at site	BHEL	
20	Conductance of witnessed performance test for CW pumps at site.	BHEL	
21	Necessary instrumentation for witnessed performance test for CW pumps at site.	BHEL	
22	Suitable pit for testing as per pit dimensions provided by BHEL	BOP Vendor	

	<b>OTHER SCOPES:</b>		
21	Supply, erection & testing of butterfly valves in main discharge & recirculation line	BOP vendor scope	
22	Supply, erection & testing of rubber expansion joint	BOP vendor scope	
23	Supply, erection & testing EOT crane	BOP vendor scope	
24	Supply, erection & testing main discharge piping , recirculation line piping.	BOP vendor scope	
25	Supply & erection instrumentation, LV & HV cables with trays.	BOP vendor scope	
26	Supply and erection of main cooling water piping beyond pump discharge, Maintenance ladder & platform, Ultrasonic flowmeters at common header	BOP vendor scope (Maintenance ladder & platform by BOP vendor).	
27	Supply, erection & testing of PLC system with UPS, DCS & other monitoring system for CVP	Supply by BHEL  Erection, Testing & Commissioning by BOP Vendor	
28	Supply and erection of Emergency/local push button station	BOP vendor scope	
29	Supply and erection of Instrument cabling in the CW pump house beyond the junction box	BOP vendor scope	
30	Supply and erection of 1. Vibration monitoring system (VMS) along with Vibration probes & key phasors for CVP 2. UV level transmitters in sump and forebay 3. Two pressure Transmitters at common Header 4. DP transmitter across filter	VMS by BHEL  All Instruments by BOP Vendor	
31	Supply and erection of CW motor and motor instrumentation (RTDs for motor windings and motor bearings )and Instruments for butterfly valves	Supply by BHEL  Erection, Testing & Commissioning by BOP Vendor	
32	Supply and erection of HT & LT cabling in the CW pump house beyond the terminal box.	BOP vendor scope	
33	Civil design for CW pump house and pump house raft	BOP vendor scope	
34	Civil design for CVP concrete casing	BHEL	
35	Civil design for CW motor floor	BOP vendor scope	
36	Civil design for CW pump house super structure	BOP vendor scope	
37	Supervision of suction and discharge formwork erection for concrete casing.	BHEL scope.	
38	Supply & erection of reinforcement steel in pump floor	BOP vendor scope.	
39	Erection of suction and discharge formwork, Embedded parts (viz. suction embedded part, discharge pipe, discharge lip) for concrete casing, soleplate for pump and motor including supply of fixtures and tools required for erection.	BOP vendor scope	
40	Concreting of pump floor	BOP vendor scope.	
41	Responsibility of attaining the concrete surface finish in pump volute, suction bell & suction box.	BOP vendor scope.	
42	Water proofing of Volute concrete Surface	BOP vendor scope. BOQ from BHEL to BOP vendor.	
43	Water fill test of concrete volute	BOP vendor scope.	
44	Civil excavation, raft construction, motor floor construction, super structure construction	BOP vendor scope.	
45	Supply of Cement, Reinforcement steel, concreting.	BOP vendor scope.	
46	Erection & commissioning of CV pump, its accessories & motors as per inputs from BHEL	BOP vendor scope.	
47	Supply and application of glassflake painting inside CV pump	BOP vendor scope. BOQ from BHEL to BOP vendor.	